Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: Auditory mechanisms of social engagement	$257,504	Q1.Other	Yale University
ACE Center: Eye-tracking studies of social engagement	$287,074	Q1.L.B	Yale University
ACE Center: Gaze perception abnormalities in infants with ASD	$286,420	Q1.L.A	Yale University
ACE Center: Neural assays and longitudinal assessment of infants at very high risk for ASD	$186,019	Q1.L.A	University of California, Los Angeles
ACE Network: Early biomarkers of autism spectrum disorders in infants with tuberous sclerosis	$2,649,781	Q1.L.A	Boston Children's Hospital
Analyses of brain structure and connectivity in young children with autism	$238,042	Q1.L.B	University of California, Davis
A network approach to the prediction of autism spectrum disorders	$223,949	Q1.L.A	Indiana University
An MEG investigation of neural biomarkers and language in nonverbal children with autism spectrum disorders	$154,617	Q1.L.A	University of Colorado Denver
A prospective multi-system evaluation of infants at risk for autism	$0	Q1.L.B	Massachusetts General Hospital
A prospective multi-system evaluation of infants at risk for autism	$0	Q1.L.B	Massachusetts General Hospital
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	$302,820	Q1.L.A	University of California, San Diego
Atypical pupillary light reflex in individuals with autism	$0	Q1.Other	University of Missouri
Autism: Social and communication predictors in siblings	$805,136	Q1.L.A	Kennedy Krieger Institute
Baby Siblings Research Consortium	$50,000	Q1.S.B	Autism Speaks (AS)
Biomarkers and diagnostics for ASD	$149,600	Q1.S.A	Institute of Biotechnology
Biomarkers for autism and for gastrointestinal and sleep problems in autism	$0	Q1.L.A	Yale University
Brain-behavior growth charts of altered social engagement in ASD infants	$431,189	Q1.L.A	Yale University
Developing fNIRS as a brain function indicator in at-risk infants	$205,199	Q1.L.A	Birkbeck College
Developmental social neuroscience in infants at-risk for autism	$181,367	Q1.L.C	Yale University
Development of face processing in infants with autism spectrum disorders	$409,613	Q1.L.B	Yale University
Divergent biases for conspecifics as early markers for autism spectum disorders	$269,604	Q1.L.A	New York University
Dynamics of cortical interactions in autism spectrum disorders	$0	Q1.L.A	Cornell University
Early social and emotional development in toddlers at genetic risk for autism	$369,179	Q1.L.A	University of Pittsburgh
EEG complexity trajectory as an early biomarker for autism	$261,000	Q1.L.A	Boston Children's Hospital

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Electrophysiological, metabolic and behavioral markers of infants at risk	$273,152	Q1.L.A	Boston Children's Hospital
Epigenetic biomarkers of autism in human placenta	$0	Q1.L.A	University of California, Davis
ERK signaling and autism: Biomarker development	$60,000	Q1.L.B	University of California, San Francisco
Extraction of functional subnetworks in autism using multimodal MRI	$360,294	Q1.L.B	Yale University
fcMRI in infants at high risk for autism	$584,566	Q1.L.A	Washington University in St. Louis
Growth charts of altered social engagement in infants with autism	$273,481	Q1.L.A	Emory University
Identification of candidate serum antibody biomarkers for ASD	$118,338	Q1.L.B	University of Texas Southwestern Medical Center
Identification of lipid biomarkers for autism	$0	Q1.L.A	Massachusetts General Hospital
Identifying early biomarkers for autism using EEG connectivity	$40,000	Q1.L.A	Boston Children's Hospital
Improved early detection of autism using novel statistical methodology	$49,880	Q1.L.B	Yale University
Infants at risk of autism: A longitudinal study	$587,150	Q1.L.A	University of California, Davis
INT2-Large: Collaborative research: Developing social robots	$0	Q1.Other	University of California, San Diego
INT2-Large: Collaborative research: Developing social robots	$0	Q1.Other	University of Miami
Intersensory perception of social events: Typical and atypical development	$134,355	Q1.L.C	Florida International University
Multiplexed suspension arrays to investigate newborn and childhood blood samples for potential immune biomarkers of autism	$0	Q1.L.A	Centers for Disease Control and Prevention (CDC)
Neurobehavioral research on infants at risk for SLI and autism	$944,962	Q1.L.A	Boston University
Neurophysiological investigation of language acquisition in infants at risk for ASD	$0	Q1.L.A	Boston University
Perception of social and physical contingencies in infants with ASD	$312,944	Q1.L.B	Emory University
Physical and clinical infrastructure for research on infants at risk for autism	$1,549,665	Q1.L.A	Emory University
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	$0	Q1.L.A	Yale University
Placental vascular tree as biomarker of autism/ASD risk	$0	Q1.L.A	Research Foundation for Mental Hygiene, Inc.
Postural and vocal development during the first year of life in infants at heightened biological risk for AS	$30,000	Q1.L.A	University of Pittsburgh
Prosodic and pragmatic processes in highly verbal children with autism	$0	Q1.L.C	President & Fellows of Harvard College

Project Title	Funding	Strategic Plan Objective	Institution
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	$0	Q1.L.C	Johns Hopkins University
RNA expression studies in autism spectrum disorders	$500,000	Q1.L.A	Boston Children's Hospital
Sensor-based technology in the study of motor skills in infants at risk for ASD	$191,070	Q1.L.A	University of Pittsburgh
Serum antibody biomarkers for ASD	$0	Q1.L.A	University of Texas Southwestern Medical Center
Social and statistical mechanisms of prelinguistic vocal development	$0	Q1.Other	Cornell University
Social-emotional development of infants at risk for autism spectrum disorders	$662,677	Q1.L.B	University of Washington
Social-emotional development of infants at risk for autism spectrum disorders (supplement)	$39,002	Q1.L.B	University of Washington
Studying the biology and behavior of autism at 1-year: The Well-Baby Check-Up approach	$272,164	Q1.L.A	University of California, San Diego
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	$180,000	Q1.L.A	University of North Carolina at Chapel Hill
The development of joint attention after infancy	$291,832	Q1.L.C	Georgia State University
The ontogeny of social visual engagement in infants at risk for autism	$473,149	Q1.L.A	Emory University
Translational developmental neuroscience of autism	$168,116	Q1.L.B	New York University School of Medicine
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	$15,000	Q1.L.A	Harvard University
Visual attention and fine motor coordination in infants at risk for autism	$73,123	Q1.L.A	University of Connecticut